

LEGEND

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THE TIME.

LOW WATER DATUM

ELEVATIONS AND PROJECT DEPTHS ARE AS SHOWN ON THE SHEET. THEY ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM, (1985)

GRID COORDINATES

GRIDS SHOWN ARE BASED ON NATIONAL GEODETIC SURVEY PROJECTION TABLES, STATE OF MICHIGAN, SOUTH ZONE, (2113), LAMBERT PROJECTION, 1983 NORTH AMERICAN DATUM.

DIRECTIONS

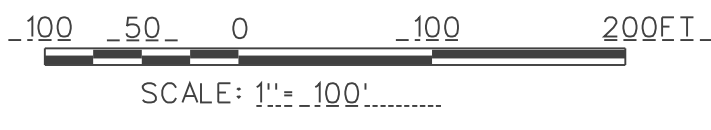
ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZERO.

PROJECT DEPTHS ARE AS SHOWN ON DRAWING.

AUTOMATED EQUIPMENT USED

POSITIONING SYSTEM TSS POS-MV
DATA PROCESSOR DELL 330 PC
SOFTWARE HYPACK
PLOTTER CADJET 2
MULTI-BEAM SONAR RESON SEABAT 8125

- NOTES:**
- GAGES USED WERE OBTAINED ELECTRONICALLY FROM NOAA GAGES AT DRY DOCK AND BLACK RIVER, MICHIGAN.
 - POSITIONS WERE DETERMINED BY GPS REFERENCE BEACON 838, LOCATED AT FORT WAYNE DETROIT, MICHIGAN - FREQUENCY 319 KHZ, 200 BPS
 - DEPTH MEASURED USING SEABAT 8125 ULTRA HIGH RESOLUTION FOCUSED MULTIBEAM ECHOSOUNDER SYSTEM.



NO.	DATE	REVISION	BY
U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN			
DESIGNED BY:	DETROIT AREA OFFICE 25 AUG 2004		
DRAWN BY:	ST. CLAIR RIVER, MICHIGAN		
CHECKED BY:	CS 1954+00 TO CS 1987+00		
REVIEWED BY:	MULTI-BEAM SWEEP SURVEY RESULTS		
SUBMITTED BY:	MINIMUM STRIKE PLOT		
APPROVED:	P.E. DATE		
CHIEF, PROJ OPS SEC	CHIEF, OTS BRANCH		
SCALE AS SHOWN		DRAWING NUMBER	
CHIEF, CONSTRUCTION - OPERATIONS DIVISION		49 54 sc49s0804.dgn	